

<b>NWS Form E-5</b> (04-2006) (PRES. BY NWS Instruction 10-924)	<b>U.S. DEPARTMENT OF COMMERCE</b> <b>NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION</b> <b>NATIONAL WEATHER SERVICE</b>	HYDROLOGIC SERVICE AREA (HSA) Burlington VT
<b>MONTHLY REPORT OF HYDROLOGIC CONDITIONS</b>		REPORT FOR: MONTH                      YEAR August                      2013
TO: Hydrologic Information Center, W/OS31 NOAA's National Weather Service 1325 East West Highway Silver Spring, MD 20910-3283		SIGNATURE /s/ Gregory A. Hanson, SH WFO BTW DATE September 10 2013

*When no flooding occurs, include miscellaneous river conditions below the small box, such as significant rises, record low stages, ice conditions, snow cover, droughts, and hydrologic products issued (NWS Instruction 10-924).*

☐ An X inside this box indicates that no flooding occurred within this hydrologic service area.

Hydrologic conditions were generally quiescent during August. There were two periods of heavier rainfall early in the month and late in the month when flash flood and flood warnings were issued. Main-stem rivers remained within their banks and experienced normal flows for late summer. Rainfall trended 1 to 1 ½ inches below normal across the region.

The first episode of heavy rainfall on August 8 into August 9 was along a slow moving cold front over the Adirondacks of northern New York into southern Vermont. Two to three inches of rain fell across the region as waves of low pressure moved along the front. Flash flood and flood warnings were issued for the Adirondacks, however no flooding was reported.

Through the middle part of August several cold fronts passed through the region accompanied by late to moderate rainfall. Little hydrologic response was noted.

The final hydrologic event of August occurred on the evening of the 28<sup>th</sup>, when thunderstorms along a slow moving cold front produced over 2 inches of rain in about an hour. Flash flooding resulted in Hartford Vermont, where local roads were closed and cars were stalled in flood waters.

**Significant River Crests**  
**August 2013**  
**WFO Burlington VT**

-none-